

What is claimed is:

1. An integrated cutting system for a waste storage receptacle comprising:
 - a container defining a waste bin and an opening that provides access to the waste bin;
 - a support adjacent the opening, the support in the form of a body having a flange extending therefrom that is circumferentially configured for holding a film cassette above the waste bin, wherein the collar encloses less than all of the opening to the waste bin so that waste material can be passed through the opening and into the waste bin;
 - a film cassette on the flange; and
 - a lid hingedly adjacent the body;
 - the lid portion enclosing a first device for a film sealing for forming waste packets by twisting a flexible film tubing that is dispensed from the film cassette;
 - the lid portion enclosing a second device operably connected to the first device for cutting the waste packet from the film tubing.
2. An integrated cutting system according to claim 1, wherein the film cassette is rotationally interacted to the flange in the body.
3. An integrated cutting system according to claim 1, wherein the first device further comprises a rotary twist drive engaged to the film cassette.
4. An integrated cutting system according to claim 1, wherein the first device further includes a clutch with extended projections engaging the rotary twist drive.
5. An integrated cutting system according to claim 1, wherein the first device further comprises a rotatable handle which drives the clutch operationally connected to a blade shoe.
6. An integrated cutting system according to claim 4, wherein the first device further comprises a spur gear operationally configured to permit the rotatable handle to be rotated in only one direction.

7. An integrated cutting system according to claim 3, wherein the second device further includes a button which disengages the rotary twist drive from the film cassette and exposes rotating cutting tools in a blade shoe to sever the film from the stationary cassette.

8. An integrated cutting system for a waste storage receptacle, the waste storage receptacle having a receptacle body, a collar, a lid and a storage film cassette adapted to be positioned in the receptacle body, the cassette having a continuous length of storage film therein, the integrated system comprising:

 a handle operably connected to the lid, wherein the operation of the handle engages a cutting device and a film sealing device to uniform rotational motion to twistably seals the film extending from the cassette;

 a button operably connected to the lid, wherein the operation of the button disengages the sealing device from rotation and exposes the cutting device to the film in a stationary state; and

 a blade affixed to the cutting device;

wherein when the button is operated the operation of the handle rotates the blade to sever the film from the cassette.

9. An integrated cutting system according to claim 8, wherein the lid is adapted to receive the handle through a first opening formed in its center.

10. An integrated cutting system according to claim 8, wherein the button is positioned in a second opening formed peripherally on the lid.

11. An integrated cutting system according to claim 8, wherein a collar is fitted circumferentially below the lid.

12. An integrated cutting system according to claim 8, wherein the handle has an upper portion and a lower portion.

13. An integrated cutting system according to claim 12, wherein the upper portion of the handle is configured to be mechanically rotatable by hand.

14. An integrated cutting system according to claim 12, wherein the lower portion of the handle extends centrally into the lid.

15. An integrated cutting system according to claim 12, wherein the lower portion of the handle extends further through a wave spring positioned between the upper portion of the handle and a clutch plate having an upper surface and a lower surface.
16. An integrated cutting system according to claim 15, wherein the upper surface of the clutch plate forms a geared ring about a centrally located opening.
17. An integrated cutting system according to claim 15, wherein the lower surface of the clutch plate has a plurality of vertical projections on the opposite side of the geared ring.
18. An integrated cutting system according to claim 17, wherein the lower portion of the handle extends further through the vertical projections and through a yoke formed to capture the periphery of the lower surface of the clutch plate.
19. An integrated cutting system according to claim 18, wherein the yoke is formed to have a circumferential shoulder and u-shaped lateral projections.
20. An integrated cutting system according to claim 19, wherein the lateral projections of the yoke surround the protruding vertical projections of the clutch plate.
21. An integrated cutting system according to claim 19, wherein the shoulder of the yoke extends beyond the geared ring of the clutch plate.
22. An integrated cutting system according to claim 19, wherein the shoulder of the yoke operably communicates with the button.
23. An integrated cutting system according to claim 18, wherein the button, when pressed downward, engages the shoulder of the yoke downwardly causing the lateral projections of the yoke to move upward and lift the clutch plate against the wave spring.
24. An integrated cutting system according to claim 23, wherein the sealing device comprises a rotary twist drive.
25. An integrated cutting system according to claim 8, wherein the cutting device comprises a rotary blade shoe having blades affixed thereto.
26. An integrated cutting system according to claim 24, wherein the lower portion of the rotatable handle extends further through the rotary twist drive.

27. An integrated cutting system according to claim 24, wherein the rotary twist drive has a ribbed bottom surface.

28. An integrated cutting system according to claim 25, wherein the blade shoe has a split spline where the lower part of the handle engages.

29. An integrated cutting system according to claim 8, wherein the lid is hingedly connected to the collar.

30. An integrated cutting system according to claim 29, wherein the lid locks and seals on to the collar with a latching mechanism.

31. A method for disposing waste material from a waste disposal apparatus, comprising the steps of:

providing a lid having a sealing device and a cutting device therein, the sealing device being operable by a rotatable handle, and the cutting device by a button;

providing a length of tubing having a first sealed portion of the tubing at a location along its length and an open end of the tubing;

inserting waste material, with the lid open, through the open end of the tubing until it contacts the first sealed portion of the tubing;

closing the lid;

operating the rotatable handle and rotating the handle to rotate the sealing device and the cutting device simultaneously to only twist and seal the open end of the tubing;

operating a button downwards and disengaging the sealing device;

operating the rotatable handle to rotate the cutting device only, and cut the waste packet only.

32. The method of disposing waste material according to claim 31, wherein the operation of the rotatable handle engages the cutting device and the sealing device to uniform rotational motion, and twistably seals the film extending from the cassette.

33. The method of disposing waste material according to claim 31, wherein the operation of the button disengages the sealing device from rotation and exposes the cutting device to the film in a stationary state, and cuts it.